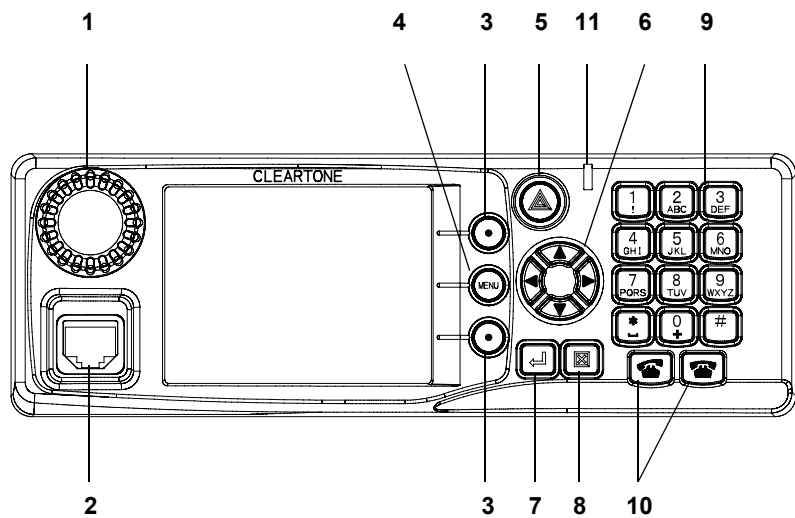




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Cleartone CM5000 TETRA Mobile Repeater/Gateway Basic User Guide



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Safety Information

This user guide covers the basic operation of the CM5000 Mobile Terminal. Please consult your dealer for further, more detailed information which is contained in the feature user guide 6866539D54_.



CAUTION: Before using this product, read the operating instructions for safe usage contained in the *Product Safety and RF Exposure booklet 6866537D37_* enclosed with your CM5000.

ATTENTION!

The CM5000 is restricted to occupational use only to satisfy ICNIRP RF energy exposure requirements. Before using this product, read the RF energy awareness information and operating instructions in the *Product Safety and RF Exposure booklet (Motorola Publication part number 6866537D37_)* to ensure compliance with RF energy exposure limits.

Keep this **User Guide** and the **Product Safety and RF Exposure booklet** in a safe place and make it available to other operators in case the CM5000 is passed on to other people.

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Disposal Information

European Union (EU) Waste of Electrical and Electronic Equipment (WEEE) Directive



The European Union's WEEE directive requires that products sold into EU countries must have the crossed out trashbin label on the product (or the package in some cases). As defined by the WEEE directive, this cross-out trashbin label means that customers and end-users in EU countries should not dispose of electronic and electrical equipment or accessories in household waste.

Customers or end-users in EU countries should contact their local equipment supplier representative or service centre for information about the waste collection system in their country.















Controls and Indicators


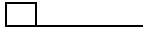



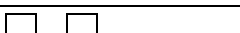
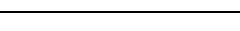




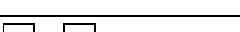

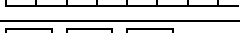
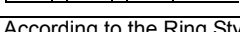
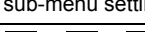
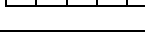
This table describes the radio's front panel. See the figure on the inside front cover.






Item	Description
1	Rotary Knob Used to turn the radio ON/OFF and to adjust volume level.
2	Microphone Connector Used to connect a fist microphone in to.
3	Soft Key(s) Used to select the option that is shown on the display.
4	Menu Key Used to enter the main menu.
5	Emergency Key Used to send Emergency Alarms.
6	Navigation Keys Used for scrolling or text editing.
7	Enter Key Used to select the required item.
8	Clear Key Used to clear character or back to the previous screen.
9	Alphanumeric Key Used to enter alphanumeric characters for dialing, address book entries and text messages.
10	On Hook / Off Hook Key Used to initiate or answer calls, end calls or send status and text messages.
11	LED Used to indicate the states of the CM5000.

Audio Signal Tones

□ = High Tone; ■ = Low Tone;


Description	Type	Repeated
Idle		
<ul style="list-style-type: none"> Back to Home display Back to coverage Back to full service 		Once
Clear-to-send		Once
Bad key press		Once
<ul style="list-style-type: none"> Good key press CM5000 self-test fails at power up From out-of-service to in-service 		Once
In Call		
Call clear warning		Once
Call waiting tone while Phone or Private Call are pending.		Every 6 seconds, until a call is terminated.
Data connected or Data disconnected		Once
Talk permit sounds upon pressing the PTT.		Once (Normal Tone)
		Once (Short Tone)
Talk permit without gateway sounds upon pressing PTT. The tone indicates the gateway is no longer available.		Twice
		Once
<ul style="list-style-type: none"> Talk prohibit System busy Time-out timer expire Called CM5000 not available or busy 		Until you release the PTT.
<ul style="list-style-type: none"> Call disconnected or failed due to network Wrong number dialed 		Once
DMO (Direct Mode) Entering		Once

Description	Type	Repeated
DMO Exiting		Once
Local site trunking – entering/exiting		Once
Phone ring back (sending)		Every three seconds, until the called user answers or call is rejected.
Phone busy		Every 0.5 seconds
Status message sent to the dispatcher or failed.		Twice
Incoming Calls		
Status message acknowledged by the dispatcher.		Four times
Your CM5000 received a Group Call without gateway (setup only).		Once
High-priority Group Call received		Once
Emergency Alarm sent or received		Twice
Emergency Alarm failed		Four times
Emergency Call received		Once
Phone ring, full-duplex Private Call (reception)	According to the Ring Style sub-menu setting.	Until you answer or the call is rejected.
Private Call received		Until the call is answered.
Private Call ringing to the caller		Until the call is answered.
Half-duplex Private Pre-emptive Priority Call (PPC) ring		Every 4 seconds, until the call is answered or rejected.
Full-duplex Private PPC ring		Every 4 seconds, until the call is answered or rejected.
Limited service		Once, upon entering limited service.
New mail received		Once

Description	Type	Repeated
New Group Call		Once
General		
Volume setting (earpiece, keypad, speaker)		Continuous
Volume setting (Ringer)		While setting the volume
Transmit Inhibit (TXI)		Once
DTMF (0-9, #, *) during the call	DTMF 	Continuous, until the user releases the key


Keys, Knob, and Buttons

Soft Keys

Press upper or lower  to select the option that appears in the screen directly next to the upper or lower soft key.

Menu Button

Press the **Menu** button to enter the following:

- **The menu (when there is no on-going activity).** The CM5000 menus allow you to control the CM5000 settings. Menus are organised in a hierarchy. The menu options provide access to a further list of options called a sub-menu.
- The **context sensitive menu** (when  icon is on) to view a list of items for the current menu.

Rotary Knob

The rotary knob is used for powering on and off the CM5000 and also as a volume control. Push it down and hold to turn the device on/off. Turn clockwise to increase the audio volume level.

Emergency Button

Press and hold this button to enter Emergency Mode.

When the CM5000 is powered down, press and hold this


button to power On in Emergency Mode or in standard mode (as programmed).

The LED Status Indicator

The LED indicator shows the states of the CM5000.

Indicator	Status
Solid GREEN	Transmitting
Blinking GREEN	In service
Solid RED	Out of service / Disabled
Blinking RED	Connecting to a network
Solid ORANGE	Transmission Inhibit (TXI) in service
Blinking ORANGE	Incoming call
No indication	Switched off

Entering the Menu Items

1. Press the **Menu** button.
2. Scroll to the required item, press **Select** or  to select.

Returning to the Previous Level

Press Back or .

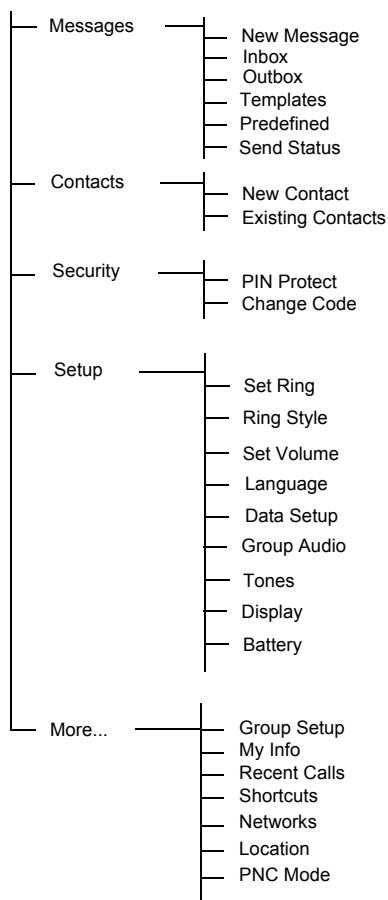
Exiting the Menu Items

Press .



The CM5000 exits the menu if no key press is detected for a time-out period.

List of Menu Items



This is the standard menu layout. Your Service Provider may enable/disable some menu items or change their names.

Creating Menu Shortcuts

Use shortcuts to access frequently-used menu items.

Menu Shortcut Creation

Navigate to the menu items. Highlight the item you want to create a shortcut for. Press and hold the **Menu** button as the item is highlighted. Confirm shortcut creation when prompted.

Menu Shortcut List

To look for assigned shortcuts, press the **Menu** button and select **More > Shortcuts > <shortcut name>**.

Menu Shortcut Use






From Home display, press the **Menu** button and the numeric key(s) assigned to the shortcut.








The Display

When you use the CM5000, icons appear on the display to indicate the following conditions.

Status Icons







Status icons appear when your phone is engaged in certain activities or when you have activated certain features.


Icon	Description
	Signal Strength Indicates the signal strength in the current TMO or DMO area. Four bars indicate the maximum strength. Fewer bars indicate lower signal strength. You may be able to improve signal strength by moving your vehicle to a different location.
	New Message Has Arrived Indicates that a new message just arrived. Once you change the display the icon disappears.
	New Message(s) in Inbox Indicates that an unread message is in stack. Once you read the message the icon disappears.
	All Tones Off No audible alert tones. The screen displays incoming calls.
	No Speaker Indicates no speaker output.

Icon	Description
	GPS Appears when the CM5000 receives the GPS signal.
	Data Connected Appears when the CM5000 is in Packet Data Mode.
	Emergency Appears when the CM5000 is in Emergency mode.
	Scan Appears when the CM5000 is in Group scan mode.
	Direct Mode (DMO) Appears when the CM5000 is in Direct Mode.
	Gateway Mode Indicates in-service state for Gateway Mode. Indicates CM5000 fixed communication through Gateway.
	Repeater Mode Indicates in-service state for Repeater Mode. Indicates CM5000 fixed communication through Repeater.

Menu Icons





The following icons make it easy to identify the menu items at first glance.

Menu Icon	Description
	Main Menu Items/Context Sensitive Menu Appears above the Menu button if the main menu items/context sensitive menu are active.
	Messages <ul style="list-style-type: none"> • Send status messages, • Send short text messages (free text or according to user defined or predefined templates), • Receive messages in inbox.
	Contacts Add, search, edit, or erase entries in the contact list.
	Security Lets you turn On/Off and verify security features, and change passwords.
	Setup Allows you to customise the CM5000.
	More... Contains more customisable menu items.

Menu Icon	Description
	Scroll Bar Indicates navigation among items that occupy more than one screen. If all items appear in one screen, the scroll bar is empty.








Inbox Icons

The following icons indicate the status of messages in the inbox.

Inbox Icon	Description
	Unread (New) Message Indicates that you have not read the message yet.
	Read (Old) Message Indicates that you have read the message.
	Sender Information in Message View Indicates sender information (name or number).
	Time and Date Stamp in Message View Indicates the time and date of message arrival.

Contact Icons

In the contact list display, the following icons may appear next to the contact numbers to indicate the type of stored number.

Contact Icon	Description
	Private ID Number
	Mobile Phone Number
	Home Phone Number
	Work Phone Number
	PABX Number
	Other Phone Number
	Pickers Indicate more than one number is stored with the contact.

Getting Started

Powering On/Off

To power **On**, press and hold the rotary knob. The CM5000 performs a self-check and registration routine. After successful registration, the CM5000 is in service.

To power **Off**, press and hold the rotary knob push button. You hear a beep and the **Powering Off** message is displayed.

Powering On with Emergency Button

Press and hold the Emergency button to power **On**. The CM5000 powers **On** in Emergency Mode or in standard mode (as programmed).

Powering On with Transmit Inhibit Active

Transmit Inhibit (TXI) is a feature allowing you to switch off transmission before entering a Radio-Frequency (RF) sensitive area. To activate this feature, press the **Menu** button and select **More...> Networks > TXI Mode > Activate**.



Warning:

*Pressing the Emergency button, even if Transmit Inhibit is activated, causes the CM5000 to transmit immediately. The CM5000 must **NOT** be within the RF sensitive area when entering Emergency Mode.*

The TXI Mode remains active at power **On**. You are prompted whether to leave the TXI Mode **On** or not.



Warning:

Ensure you have left the RF sensitive area before deactivating Transmit Inhibit.

Press the **Yes** soft key to deactivate the TXI Mode. If the CM5000 was previously used in Trunked Mode, it will register to the network. If the CM5000 was previously used in Direct Mode, it will remain in Direct Mode.

Press **No** in Trunked Mode and the CM5000 powers down.

Press **No** in Direct Mode and you remain in Direct Mode with TXI selected.

Unlocking the CM5000

The CM5000 may be locked at power up.

To unlock the CM5000 after powering on, enter the code at the prompt. The CM5000 enters the default Home display.

The unlock code is originally set to 0000. Your Service Provider may change this number before you receive your terminal.

Selecting Operation Mode

Entering TMO or DMO

Enter TMO or DMO in one of the following ways:

- From the Home display press **Optns** and select **Direct Mode** if the CM5000 is in TMO.
- From the Home display press **Optns** and select **Trunked Mode** if the CM5000 is in DMO.
- Press the **Menu** button and select **More...> Networks > Trunked Mode** if the CM5000 is in DMO.
- Press the **Menu** button and select **More...> Networks > Direct Mode** if the CM5000 is in TMO.
- Press the TMO/DMO one-touch button (if programmed by your Service Provider).

You can make and receive the following types of calls when the CM5000 operates in Trunked Mode:

- Group Calls
- Private Calls
- Phone Calls
- PABX Calls — local (office) extension calls
- Emergency Calls.

You can make and receive Group Calls when the CM5000 operates in Direct Mode. This includes Emergency Group Calls.

The CM5000 returns to the Home display when there is no activity for a few seconds.



Your terminal can alert you of an incoming call. Select the alert settings in the Tones menu items.

Gateway and Repeater Modes

In Gateway Mode Operation communication relay between TMO and DMO is available. DMO terminals communicate with the trunked system (and the other way around).

In Repeater Mode Operation the CM5000 re-transmits information received from one DMO terminal to the other DMO terminal enhancing the coverage area.

Entering Gateway or Repeater Mode

When the CM5000 is in TMO enter Gateway or Repeater Mode in one of the following ways:

- From the Home display press **Optns** and select **Gateway Mode** or **Repeater Mode** as required.
- Press the **Menu** button and select **More... > Networks > Gateway Mode** or **Repeater Mode** as required.

Group Calls

A Group Call is a communication between you and others in a group. A group is a predefined set of subscribers enabled to participate in and/or invoke a Group Call.

Groups are organised in **folders**. Each folder may contain several groups.

“My Groups” Folder

You can organise your favorite groups into one folder called “My Groups”.

Selecting the “My Groups” Folder

From the Home display, press  to quickly access the folder.

Adding a Group (TMO/DMO) to the “My Groups” Folder

1. Press the **Menu** button and select **More > Group Setup > My Groups > Edit List > [New Group]**.
2. Select a group by alphabetic search (“**TMO/DMO by abc**”). Enter the first character of the group name. Or select a group by folder search (“**TMO/DMO by Folder**”). Select the folder and select the group. The group is added to the “My Groups” folder.

Selecting a Group



When you navigate in the “My Groups” folder and select a DMO group, your terminal switches between TMO and DMO (and contrariwise).

Using Alphabetic Search

From the Home display, press **Optns**. Select a group by alphabetic search (“**TG by abc**”). Enter the first character of the group name. Select the group.

Using Folder Search

From the Home display, press **Optns**. Select a group by folder search (“**TG by Folder**”). Select the folder and select the group.

Selecting a Folder

From the Home display, press **Optns**. Select **Folder**, and select the desired folder. The display shows the last selected group in that folder.

TMO Group Calls

In TMO the CM5000 is used with your Service Provider's infrastructure.

Making a TMO Group Call

1. From the Home display and if this is the required group, press and hold the **PTT**.
2. Wait for the talk permit tone (if configured) and then speak into the microphone. Release the **PTT** button to listen.

When you start a call, all members of the selected group who have their units turned on, receives the Group Call.



The "No Group" message is displayed when you are out of the normal coverage area of your selected group. You must then select a new group that is valid for your working location.

Receiving a TMO Group Call

Unless it is engaged in a call, the CM5000 receives the Group Call. To answer the call, press and hold **PTT**.

The CM5000 shows the group name and the caller's private number or alias if previously stored in your contact list.

DMO Group Calls

In DMO the CM5000 can be used without your Service Provider's infrastructure.

DMO allows communication with other terminals also operating in DMO, which are on the same frequency and group as the CM5000.

When you start a call, the members of the selected group who have their units turned on receive the Group Call.

In DMO the CM5000 can communicate with the trunking system (and the other way around) if the Gateway option is enabled in the CM5000.

Making a DMO Group Call

Select the group from Talkgroup list you require. Press **PTT** button and wait for the grant tone before speaking into the microphone. Remember to release the **PTT** to listen.

Receiving a DMO Group Call



When an Group call is received the mobile automatically switches to group mode and receives the call, also the group caller name appears on the screen.

Exiting DMO

To exit DMO, press **Optns** and select **Trunked Mode**.




Private, Phone, and PABX Calls

Creating a Contact





1. From the Home display, press **Contacs**. Select **[New Contact]**.
2. Enter name. Press **Ok** to confirm.
3. Press  /  and select the type of stored number (such as Private).
4. Enter number (#). Press **Ok**.
5. Continue to enter other types and numbers, as you may keep several numbers (Private, Mobile, Home, Work, PABX, Other) for the same person under the same contact name. To correct an entry, press **Change**.
6. When finished, press **Done**. Press **Back** to return to Home display.

Dialing

Dialling a Number

1. From the Home display select call type (Private, Phone, or PABX) using  / .
2. Dial a number.
3. Press **PTT** or  depending on the call type.




Dialling via the Contact List

Press **Contacs** and search the stored number by scrolling ( or ) or by entering the first character of the contact name. If the contact has more than one number, use  or  to select the number.

Private Call

A Private Call, also called Point-to-Point or an individual call, is a call between two individuals. No other terminal can hear the conversation.


Making a Private Call

1. From the Home display select Private Mode using  / .
2. When in Private Mode, dial a number.
3. Press and hold the **PTT** button. Wait for the talk permit tone (if configured) before talking, and release the **PTT** when listening.
4. To end the call press .



While Transmit Inhibit is activated, an incoming Private Call is indicated, but you cannot answer the call.

Receiving a Private Call

1. The CM5000 switches to the incoming Private Call. The display shows incoming call notification and the caller's identity.
2. To answer an incoming call, press **PTT**.
3. To reject or end the call, press .



Your terminal can alert you of an incoming call. Select the alert settings in the Tones menu items

Phone and PABX Calls

The **Phone Call** allows you to call a landline telephone number or a cellular mobile phone number.





The **Private Automatic Branch Exchange (PABX) Call** allows you to call local (office) extension numbers. This type of call needs to be activated by your Service Provider.

In this publication we use "phone number" when referring to these numbers.



While Transmit Inhibit is activated, an incoming Phone or PABX Call is indicated, but you cannot answer the call.

Making a Phone or PABX Call

1. From the Home display select Phone or PABX Mode using  / .
2. When in Phone or PABX, select a pre-programmed number from the contact book or dial a number.
3. Press and release . You will hear a ringing tone. Wait for the called person to answer your call.
4. To end the call, press .

Emergency Mode

The CM5000 enables you to send and receive **Emergency Group Calls** in **Trunked Mode** or in **Direct Mode**. If your terminal is configured to operate through a gateway, Emergency calls can be placed through the gateway.

The Emergency Group Call can be initiated and received from the following subscribers:

- the selected group (TMO and DMO) (if tactical emergency)
- a predefined group (if non-tactical emergency)

Contact your Service Provider to know which is the selected mode.

Your Service Provider needs to configure the Emergency Alarm and Hot Microphone features.

Emergency calls are allocated emergency priority in the system.

Entering or Exiting Emergency Mode

To enter Emergency Mode, press **and hold** the Emergency button.



Pressing the Emergency button even if Transmit Inhibit is activated causes immediately the CM5000 to transmit. When entering Emergency Operation the CM5000 should not be within the RF sensitive area any longer!

To exit Emergency Mode, press and hold **Exit**. Your terminal switches to the Home display.

Hot Microphone Feature

If the Hot Microphone feature was programmed into the CM5000 by your Service Provider, you are enabled to make an Emergency Group Call and talk to the dispatcher (and members of your group) without the need to press and hold the **PTT**.

The microphone stays open for a time period (programmed by your Service Provider). The microphone stays open until:

- the Hot microphone time period expires.
- you press the **On-Hook** key.

At the end of the Hot Microphone the CM5000 returns to the Emergency Mode. The Hot Microphone feature is disabled and PTT operation returns to normal.

If required you can resume Hot Microphone by pressing and holding the Emergency button again.

Making an Emergency Group Call

To initiate or answer a call while in Emergency Mode:

- Press and hold **PTT**.
- Wait for the talk permit tone (if configured) and talk.
- Release **PTT** to listen.

Messages

Sending a Status Message

Select the desired group, then press the **Menu** button and select **Messages > Send Status**. Select status and press **Send**.

Sending a New Message

Press the **Menu** button and select **Messages > New Message**. Write your message. Press **Ok** select the recipient or enter the address directly. Select **Send** to send the message.

Sending a User-Defined Message

Press the **Menu** button and select **Messages > Templates**. Scroll and choose your required template. Select **Send**. Select your mail recipient or enter number. Select **Send**.

Sending a Predefined Message

Press the **Menu** button and select **Messages > Predefined**. Scroll and choose your required template. Press the **Menu** button and select **Edit** to edit the message. Type required information. Select **Send** or **PTT** to send the message.

Handling Unread (New) Messages

Press the **Menu** button and select **Messages > Inbox**. Scroll to the message and select **Read** soft key. To read a long message, press **More** to read the next page and **Back** to return to the previous page.

Press the **Menu** button and select to store/delete/delete all/reply/forward.



For Long Text Messages Reply, Store and Forward options are not available.

TETRA/UHF Analogue Gateway Mode

General

The CM5000 allows you to establish gateway connection between the TETRA network and an UHF analogue system.



Each time an unencrypted analogue radio user transmits to the TETRA network an audible warning tone is sent to TETRA users in group.

Entering TETRA/UHF Analogue Gateway Mode

The CM5000 must be connected to an analogue radio through an analogue radio interface.

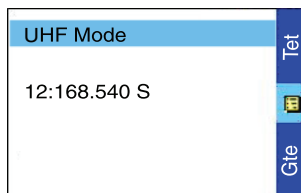
Choose the required TMO talkgroup before entering the analogue/digital mode.



The CM5000 can switch to the analogue/digital mode only in group mode.

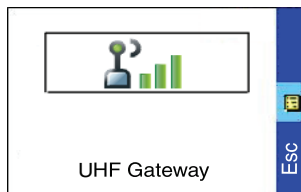
To enter the analogue/digital gateway mode:

1. From the Home display press **Menu** button and then **9** alphanumeric key. The display shows the current UHF channel selected on UHF mobile.
2. Select the required UHF channel using up/down navigation keys.
3. Select **Gte** to enter the analogue/digital gateway operation. Select **Tet** to return to TMO or DMO mode.



Exiting TETRA/UHF Analogue Gateway Operation

To exit the analogue/digital gateway mode, from the UHF Gateway display select **Esc**.



Backlight Control

You can control the intensity of the backlight via the Backlight Control function key.

Menu Shortcuts


- You can easily access any menu item, by pressing the **Menu** button and a Numeric key. (No delay between the **Menu** button and the key!)
- You can ask your Service Provider to program menu shortcuts.
- You may also define a new shortcut: enter the menu item, press and hold the **Menu** button, and follow the instructions in the display.

Text Size

To set the text size from Standard to Zoomed press **Menu > Setup > Display > Text Size**.

“My Groups” Folder

You can select any group (TMO or DMO) and add it to your personal folder.

In the Home display, press  to quickly access your “My Groups” folder.

Options (in the Home Display)

You can easily change folder, select groups, switch between TMO and DMO (and vice-versa), and other functions via the Home display Options.

Easy Navigation while in Menu

When scrolling up/down menu items, try also right/left scrolling. (This selects the item or returns to previous level.)

Exiting the Menu

Wherever in the menu press the **On-Hook** key to exit to the Home display.



MOTOROLA Cleartone CM5000 Quick Reference Guide

Turning the CM5000 On/Off

To power the CM5000 on/off, press and hold the **Knob**.

Using the CM5000 Menu System

- To enter the menu, press the **Menu** button.
- To scroll through the menu, press or .
- To select a menu item, press **Select** soft key or .
- To return to previous level, press **Back** or .

Selecting Trunked/Direct/Gateway/Repeater Mode Operation

- Switching to Gateway or Repeater modes is possible in TMO only
- From the Home display press **Optns**, select **Trunked Mode/Direct Mode/Gateway Mode/Repeater Mode**.

Making a TMO Group Call

From the Home display navigate to the desired group. Press **Select** soft key (if configured). Press and hold **PTT**. Wait for the talk permit tone (if configured) and talk. Release **PTT** to listen.

Making a DMO Group Call

Enter DMO. Navigate to the desired group. Press **Select** soft key (if configured). Press and hold **PTT**. Wait for the talk permit tone (if configured) and talk. Release **PTT** to listen.

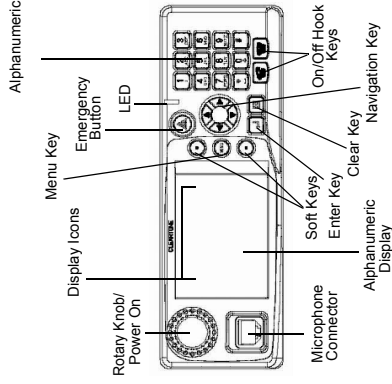
Making an Emergency Group Call

Press and hold the Emergency button. Press and hold **PTT**. Wait for the talk permit tone (if configured) and talk. Release **PTT** to listen. If using "Hot Mic" feature, wait for the **Emergency Mic On** message to appear on the display and talk without pressing PTT.


To exit Emergency Mode, press and hold **Exit** soft key.

Making a Private Call

From the Home display select Private mode using or . Dial a number. Press and release **PTT**. Ringing sounds. Called party answers. Wait for the called party to finish speaking. Press and hold **PTT**. Wait for the talk permit tone (if configured) and talk. Release **PTT** to listen. Press to terminate call.



Answering a Call

The CM5000 switches to the incoming call and alerts you of the incoming call. To answer the call, press **PTT** to answer the call. To reject or end the call press .

Sending a Status Message

Select the desired group, then press the **Menu** button and select **Messages > Send Status**. Select status and press **Send**.

Sending a New Message

Press the **Menu** button and select **Messages > New Message**. Write your message. Select **Send**. Select your mail recipient or enter number. Select **Send**, or press **PTT** to send the new message.

Tips & Tricks

• Backlight Control

You can either disable backlight (covered operation) or have it automatically turned on, by any key press.

• Menu Shortcuts

You can easily access any menu item, by pressing the **Menu** button and a numeric key. (No delay between the **Menu** button and the key!) You can ask your Service Provider to program menu shortcuts.

You may also define a new shortcut: enter the menu item, press and hold the **Menu** button, and follow the instructions in the display.

• Group Audio Control

You can control audio level for any Private or Group Call. However, you can define via the menu to have all Group calls always loud (**Menu** button **> Setup > Group Audio**).

• Unified Contact List

You can keep several numbers (Private, Mobile, Home, Work, PABX, Other) for the same person under the same contact name.

• Text Size

To set the text size from Standard to Zoomed press **Menu > Setup > Display > Text Size**.

• “My Groups” Folder

You can select any group (TMO or DMO) and add it to your personal folder.

In the Home display, press  to quickly access your “My Groups” folder.

• PIN Protect

To protect access to network operation, from the main menu, select **Security > PIN Protect**.

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